

C L A I M S

1. Multifunctional telemark boot (10) comprising a shell (2); a sole (13) which is integral with the shell (2), and which is made up of a heel (4) and a toe (5); and a flexible articulation (7) which is part of the shell (2), and which is arranged substantially in correspondence with the toe (5) in order to permit a flex of the shell (2) itself; the telemark boot (10) being characterised by the fact that it comprises stiffening means (11) which are associated with the sole (13) in order to selectively impede the said flex and to configure the telemark boot (10) itself for different uses of telemark.

2. Telemark boot according to Claim 1, characterised by the fact that the said stiffening means (11) comprise a raised sole (13) which is provided with a thickness which is substantially greater than the thickness of a standard sole, and which presents, in plan view, different forms which are adaptable to as many respective blocking devices to be used for different snow sports.

3. Telemark boot according to Claim 2, characterised by the fact that the said stiffening means (11) comprise a compartment (14) which is

obtained inside the toe (5), and a number of blades (15) which are arranged inside the compartment (14) itself and which may be orientated from an operating position which is coplanar to the sole (13) to an  
5 operating position which is transverse to the sole (13) itself in order to further stiffen the said shell (2).

4. Telemark boot according to Claim 3, characterised by the fact that the stiffening means  
10 (11) comprise an elastic regulating element (18) for the extension of the said blades (15), and an orientation element (17) which is integral with the blades (15) themselves and which can be regulated from outside the raised sole (13).

15 5. Telemark boot according to Claim 2, characterised by the fact that the stiffening means (11) comprise a selectively interchangeable portion (20) of the said raised sole (13) and constraining means (21) which constrain the selectively  
20 interchangeable portion (20) itself to the shell (2).

6. Telemark boot according to Claim 5, characterised by the fact that the constraining means (21) comprise a shaped pin (32) which is  
25 integral with the said selectively interchangeable

portion (20) and which may be inserted into a respective housing (34) which is obtained through the toe (5), an elastic stopping element (35) which is arranged substantially inside the housing (34) in order to block the shaped pin (32), a snap hook (33) which is integral with the said selectively interchangeable portion (20) and which may be inserted into the said toe (5) from the side of the insole arch (6), and a blocking element (36) which is associated with the snap hook (33) in order to selectively block the snap hook (33) itself to the said toe (5).

7. Telemark boot according to Claim 6, characterised by the fact that the said constraining means (21) comprise a release element (40) which is arranged inside the said housing (34) in order to act on the elastic stopping element (35) in order to free the said pin (32).

8. Telemark boot according to Claim 5, characterised by the fact that the said selectively interchangeable portion (20) may be associated with either the toe (5) or the heel (4) of the sole (13).

9. Telemark boot according to Claim 8, characterised by the fact that the said constraining means (21) comprise at least one shaped track (52)

which extends along a longitudinal axis A of the sole (13), and a respective groove (53) with a shape which is complementary to the shape of the shaped track (52) and which is obtained in the said selectively interchangeable portion (20); the selectively interchangeable portion (20) presenting, in turn, a blocking wall (54) which is arranged transverse to the longitudinal axis A.

10. Telemark boot according to Claim 9, characterised by the fact that the said track (52) presents a T shape in a transverse section.

11. Telemark boot according to Claim 8, characterised by the fact that the said constraining means (21) comprise at least one shaped track (72) which extends along a transverse axis B of the sole (13), and a respective groove (73) with a shape which is complementary to the shape of the shaped track (72) and which is obtained in the said selectively interchangeable portion (20).

12. Telemark boot according to Claim 9, characterised by the fact that the said constraining means (21) comprise a pair of shaped fasteners (74) which may be associated with the said track (72) in order to block any reciprocal sliding between the track (72) and the groove (73).

13. Telemark boot according to Claim 8, characterised by the fact that the said constraining means (21) comprise at least one pin with a shaped head (102)(112) arranged transverse to the said  
5 selectively interchangeable portion (20), and a respective housing with a shaped base (103)(113) which is obtained in the shell (2).

14. Telemark boot according to Claim 13, characterised by the fact that the said constraining  
10 means (21) comprise three pins with shaped heads (102) which are arranged transverse to the said selectively interchangeable portion (20), and a housing (103) and a groove with a shaped base (104) which are obtained in the shell (2).

15. Telemark boot according to Claim 8, characterised by the fact that the said constraining means comprise two hinges (122) for coupling the  
15 selectively interchangeable portion (20) to the shell (2); each hinge (122) being defined by at least one notch (123), by a respective projection  
20 (124) which may be inserted into the relative notch (123), and by a respective shaft (125) which may be inserted through the notch (123) and the projection (124) in order to constrain the notch (123) and the  
25 projection (124) in relation to each other.

16. Telemark boot according to any of the preceding Claims from 5bis to 15, characterised by the fact that the heel (4) is frontally delimited by a substantially flat surface (4a), which faces the  
5 insole arch (6), and which is inclined at an angle which is substantially less than 70° in relation to a support plane surface of the telemark boot (10) itself.

17. Telemark boot according to any of the  
10 preceding Claims, characterised by the fact that the said toe (5) presents an external layer (13a) made of rubber material and an internal layer (13b) made of plastic material, and comprises an anchoring lip (131) in order to permit an improved anchoring of  
15 the external layer (13a) to the internal layer (13b) and/or the anchoring of external accessories to the shell (2).

18. Telemark boot according to Claim 17, characterised by the fact that the said lip (131) is  
20 integral with the internal layer (13b) in order to be inserted into a window (132) which is obtained through the external layer (13a), and comprising an anterior prismatic portion (133) and a posterior prismatic portion (134) which together define an  
25 anchoring compartment (135).

19. Telemark boot according to any of the preceding Claims, characterised by the fact that the articulation (7) comprises a bellows (141) which is arranged on an upper part of the shell (2), the  
5 stiffening device (11) also comprising a regulating lever (142) for regulating the size of the bellows (141) themselves, and at least one stay rod (145) for connecting the lever (142) itself to the said sole (13).

10 20. Telemark boot according to Claim 19, characterised by the fact that the stiffening device (11) comprises a shock absorber pin (143) which is integral with the shell (2), and which defines a fixed transmission for the said stay rod (145).

15 21. Telemark boot according to Claim 5, characterised by the fact that the sole (13) comprises an insole arch (6) for separating the heel (4) from the toe (5).

20 22. Telemark boot according to Claim 18, characterised by the fact that the posterior prismatic portion (134) is substantially wedge shaped, and tapers towards the anterior prismatic portion (133).